

## ABSTRACT OF THE DISCLOSURE

A power amplifier comprising input means for receiving signals at a plurality of different frequencies; a power transistor for amplifying received signals; first circuitry connected at one end to said power transistor and at another end to a relatively low frequency shorting circuitry, said first circuitry being such that said another end is an open circuit to said different frequencies, said first circuitry having a length which is substantially less than a quarter wavelength of said different frequencies.